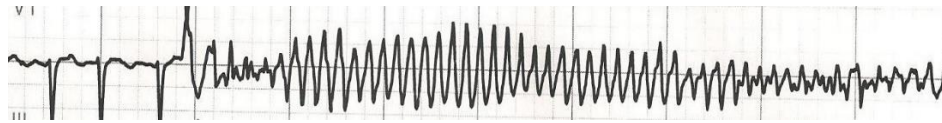


List of Errata

- 1- Page vii line 6 , ‘‘, and’’ to be deletd.
- 2- Page xiii 2.19 font index
- 3- Page xiv 2.31 to be added
- 4- Page 41, Fig 8 (c) edited (appeares cropped in the bottom in the thesis)



- 5- Page 41 line 4 – spelling to be changed, regulation
- 6- Page 44, line 6- spelling to be changed, isolation
- 7- Page 53 last word, 8-12 days to be deleted, 12-14 days to be edited
- 8- Page 57, 6th line from below, MEAs with 1 well, 6 wells to 96 wells
- 9- Page 58, line 1, ‘‘a’’ needs to be deleted before complementary
- 10- Page 58, paragraph 2 , line 5, ‘‘along with cardiac-fibroblasts’’ needs to be deleted
- 11- Page 61, Table 2, point 3, last line needs to be deleted, it is a repeated in the first line
- 12- Page 62, line 2, have used LQTS models (instead of LQT2 models)
- 13- Page 63, second last paragraph, title font, title numbering
2.30 Drug development and cardiotoxicity screening
- 14- Page 64, title numbering 2.31
- 15- Page 66, blank, needs to be deleted
- 16- Page 67, numbering of title, 3 AIMS OF THE STUDY
- 17- Page 68, numbering of the title, 4 METHODS
- 18- Page 68, paragraph 2, line 3 and 4 *LMNA* and line 7, *KCNH2* should be in *ITALICS*
- 19- Page 71, edited figure

Small Molecule Method

(iPSCs grown without feeder cells, seeded on Geltrex coated plates for differentiation)

Day 0	Day 1	Day 3	Day 5	Day 7	Day 10	Day 30
[Redacted]							
RPMI+B27 -Insulin CHIR99021		RPMI+B27 -Insulin IWP4		RPMI+B27 -Insulin			
	RPMI+B27 -Insulin		RPMI+B27 -Insulin		RPMI+B27 +Insulin		

END 2 Method

(iPSCs grown on MEFs, seeded on End2 cells for differentiation)

Day 0	Day 6	Day 8	Day 13	Day 15	Day 17	Day 19	Day 30
[Redacted]								
0% KSR Ascorbic acid		0% KSR Ascorbic acid		10% KSR		10% KSR		
	0% KSR Ascorbic acid		0% KSR Ascorbic acid		10% KSR			

- 20- Page 78, numbering of the title, 5 RESULTS
- 21- Page 79, 2nd paragraph, line 4, delete word ‘‘were’’
- 22- Page 94, last paragraph, needs font correction
- 23- Page 96, second last paragraph, needs font correction